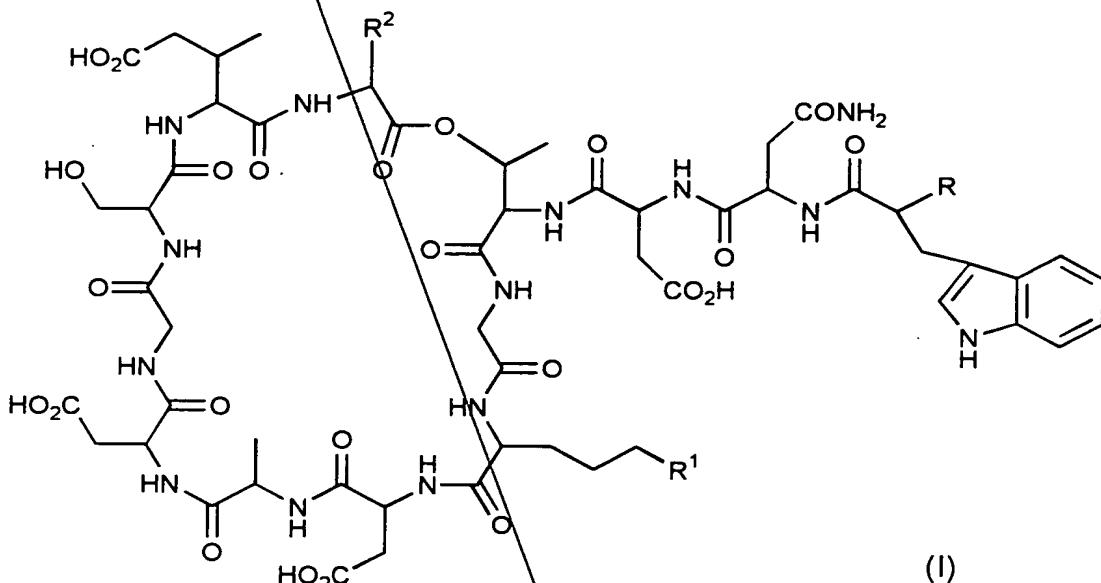


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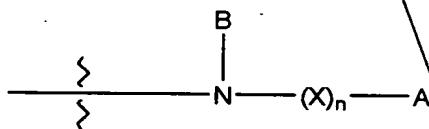
We claim:

1. A compound having the formula (I):



and salts thereof;

wherein R is:



wherein X and X" are independently selected from C=O, C=S, C=NH, C=NR^X, S=O or SO₂;

wherein n is 0 or 1;

wherein R^X is selected from alkyl, alkenyl, alkynyl, aryl, heteroaryl, cycloalkyl, heterocyclyl, hydroxyl, alkoxy, carboxy or carboalkoxy;

wherein B is X"R^Y, H, alkyl, alkenyl, alkynyl, aryl, heteroaryl, cycloalkyl or heterocyclyl; and

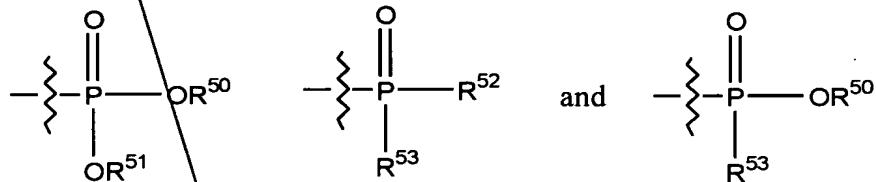
wherein R^Y is selected from hydrido, alkyl, alkenyl, alkynyl, aryl, heteroaryl, cycloalkyl, heterocyclyl or hydroxyl;

wherein A is H, NH₂, NHR^A, NR^AR^B, heteroaryl, cycloalkyl or heterocyclyl;

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wherein R^A and R^B are independently selected from alkyl, alkenyl, alkynyl, aryl, heteroaryl, cycloalkyl, heterocyclyl or carboalkoxy;

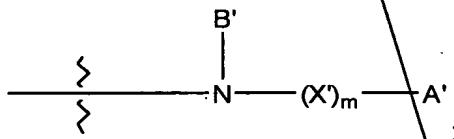
wherein when n is 0, then A is additionally selected from:



wherein each R^{50} - R^{53} is independently selected from (C₁-C₁₅) alkyl; provided that when B is H and X is C=O, then A is other than
 (a) a pyridinyl ring substituted with a single NHC(O)R^D substituent
 or
 (b) a (C₅-C₆) saturated cycloalkyl ring substituted with a single NHC(O)R^D substituent, wherein R^D is (C₁-C₁₇) unsubstituted alkyl or (C₂-C₁₇) unsubstituted alkenyl; and

when B is H and n is 0, then A is not H;

wherein R^1 is



wherein X' and X'' are independently selected from C=O, C=S, C=NH, C=NR^{X'}, S=O or SO₂;

wherein m is 0 or 1;

wherein $R^{X'}$ is selected from alkyl, alkenyl, alkynyl, aryl, heteroaryl, cycloalkyl, heterocyclyl, hydroxyl, alkoxy, carboxy or carboalkoxy;

wherein B' is $X''R^Y'$, H, alkyl, alkenyl, alkynyl, aryl, heteroaryl, cycloalkyl or heterocyclyl;

wherein R^Y' is selected from hydrido, alkyl, alkenyl, alkynyl, aryl, heteroaryl, cycloalkyl, heterocyclyl or hydroxyl;

wherein A' is H, NH₂, NHR^{A'}, NR^{A'}R^{B'}, alkyl, alkenyl, alkynyl, alkoxy, aryloxy, aryl, heteroaryl, cycloalkyl or heterocyclyl;

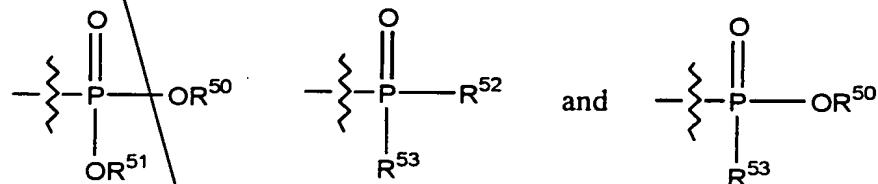
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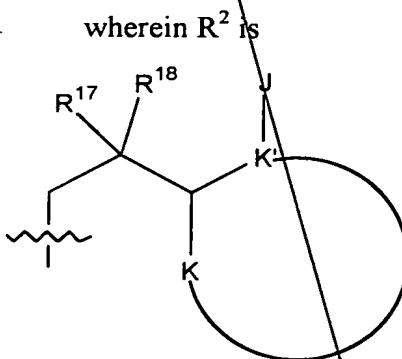
wherein $R^{A'}$ and $R^{B'}$ are independently selected from alkyl, alkenyl, alkynyl, aryl, heteroaryl, cycloalkyl, heterocyclyl or carboalkoxy;

wherein when m is 0, then A' is additionally selected from:



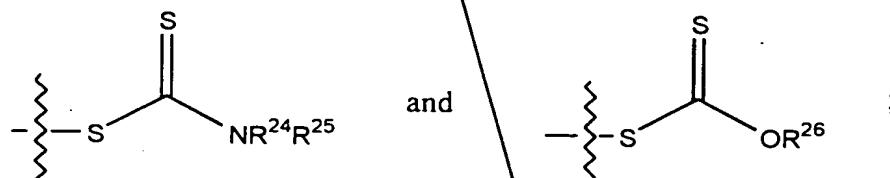
wherein each of R^{50} - R^{53} is independently selected from C_1 - C_{15} alkyl; alternatively, wherein B' and A' together form a 5-7 membered

heterocyclic or heteroaryl ring;



wherein K and K' together form a C_3 - C_7 cycloalkyl or heterocyclyl ring or a C_5 - C_{10} aryl or heteroaryl ring;

wherein J is selected from the group consisting of hydrido, amino, NHR^J , $NR^J R^K$, alkyl, alkenyl, alkynyl, alkoxy, aryloxy, aryl, heteroaryl, cycloalkyl, heterocyclyl, alkylamino, hydroxyl, thio, alkylthio, alkenylthio, sulfinyl, sulfonyl, azido, cyano, halo,



wherein each of R^{24} , R^{25} , and R^{26} is independently selected from the group consisting of alkyl, cycloalkyl, heterocyclyl, aryl and heteroaryl; or R^{24} and R^{25} together form a 5-8 membered heterocyclyl ring;

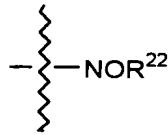
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wherein R^J and R^K are independently selected from alkyl, alkenyl, alkynyl, aryl, heteroaryl, cycloalkyl or heterocyclyl; or

alternatively, wherein J , together with R^{17} , forms a 5-8 membered heterocyclyl or cycloalkyl ring; or

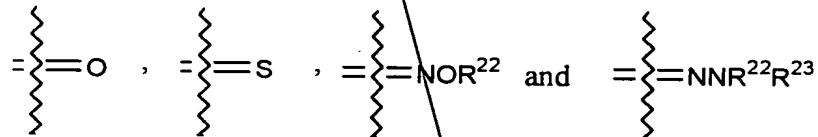
alternatively, wherein J , together with both R^{17} and R^{18} , forms a 5-8 membered aryl, cycloalkyl, heterocyclyl or heteroaryl ring; and

wherein each of R^{17} and R^{18} is independently selected from the group consisting of hydrido, halo, hydroxyl, alkoxy, amino, thio, sulfinyl, sulfonyl and



; or

wherein R^{17} and R^{18} taken together can form a group consisting of ketal, thioketal,

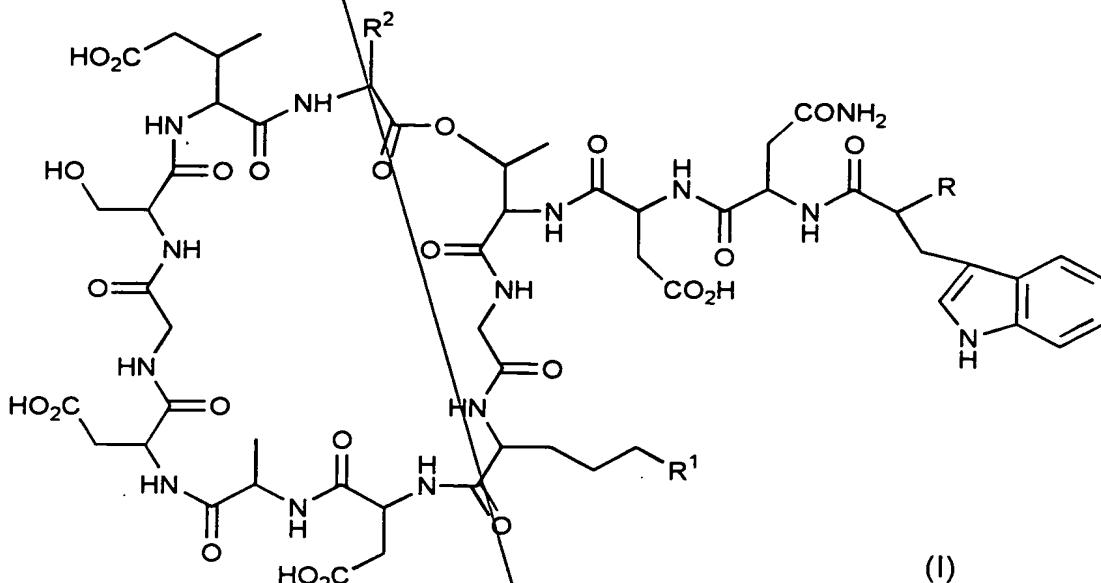


wherein each of R^{22} and R^{23} is independently selected from the group consisting of hydrido and alkyl.

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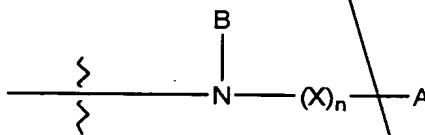
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

2. A compound having the formula (I):



and salts thereof;

wherein R is:



wherein X and X" are independently selected from C=O, C=S, C=NH, C=NR^X, S=O or SO₂;

wherein n is 0 or 1;

wherein R^X is selected from alkyl, alkenyl, alkynyl, aryl, heteroaryl, cycloalkyl, heterocyclyl, hydroxyl, alkoxy, carboxy or carboalkoxy;

wherein B is $X''R^Y$, H, alkyl, alkenyl, alkynyl, aryl, heteroaryl, cycloalkyl or heterocyclyl; and

wherein R^Y is selected from hydrido, alkyl, alkenyl, alkynyl, aryl, heteroaryl, cycloalkyl, heterocyclyl or hydroxyl;

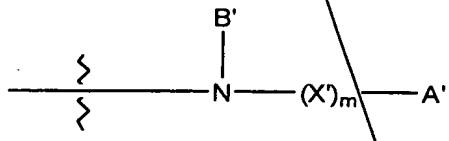
wherein A is aryl;

provided that when B is H and X is C=O, then A is other than a phenyl ring substituted with either:

(a) $-\text{O}-((\text{C}_8\text{-C}_{15}) \text{ unsubstituted alkyl})$, wherein said phenyl ring may be further optionally substituted with one substituent selected from halo, nitro, ($\text{C}_1\text{-C}_3$) alkyl, hydroxyl, ($\text{C}_1\text{-C}_3$) alkoxy or ($\text{C}_1\text{-C}_3$) alkylthio; or

(b) $-\text{NHC(O)R}^D$, wherein the phenyl ring may be further optionally substituted with 1-2 substituents independently selected from amino, nitro, ($\text{C}_1\text{-C}_3$) alkyl, hydroxyl, ($\text{C}_1\text{-C}_3$) alkoxy, halo, mercapto, ($\text{C}_1\text{-C}_3$) alkylthio, carbamyl or ($\text{C}_1\text{-C}_3$) alkylcarbamyl, wherein R^D is ($\text{C}_1\text{-C}_{17}$) unsubstituted alkyl or ($\text{C}_2\text{-C}_{17}$) unsubstituted alkenyl;

wherein R^1 is



wherein X' and X'' are independently selected from $\text{C}=\text{O}$, $\text{C}=\text{S}$, $\text{C}=\text{NH}$, $\text{C}=\text{NR}^X$, $\text{S}=\text{O}$ or SO_2 ;

wherein m is 0 or 1;

wherein R^X is selected from alkyl, alkenyl, alkynyl, aryl, heteroaryl, cycloalkyl, heterocyclyl, hydroxyl, alkoxy, carboxy or carboalkoxy;

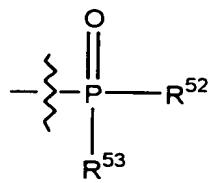
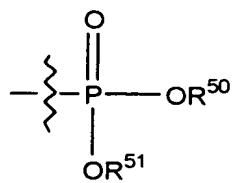
wherein B' is $\text{X}''\text{R}^Y$, H , alkyl, alkenyl, alkynyl, aryl, heteroaryl, cycloalkyl or heterocyclyl;

wherein R^Y is selected from hydrido, alkyl, alkenyl, alkynyl, aryl, heteroaryl, cycloalkyl, heterocyclyl or hydroxyl;

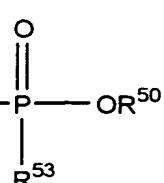
wherein A' is H , NH_2 , NHR^A , NR^AR^B , alkyl, alkenyl, alkynyl, alkoxy, aryloxy, aryl, heteroaryl, cycloalkyl or heterocyclyl;

wherein R^A and R^B are independently selected from alkyl, alkenyl, alkynyl, aryl, heteroaryl, cycloalkyl, heterocyclyl or carboalkoxy;

wherein when m is 0, then A' is additionally selected from:



and

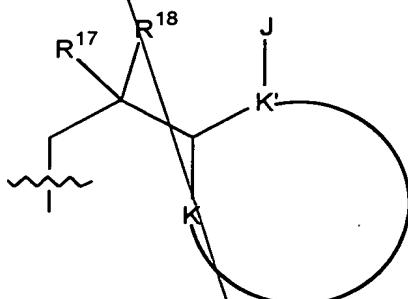


wherein each of $\text{R}^{50}\text{-R}^{53}$ is independently selected from $\text{C}_1\text{-C}_{15}$ alkyl;

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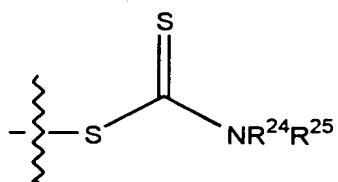
alternatively, wherein B' and A' together form a 5-7 membered heterocyclic or heteroaryl ring;

wherein R² is

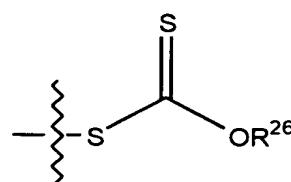


wherein K and K' together form a C₃-C₇ cycloalkyl or heterocyclyl ring or a C₅-C₁₀ aryl or heteroaryl ring;

wherein J is selected from the group consisting of hydrido, amino, NHR^J, NR^JR^K, alkyl, alkenyl, alkynyl, alkoxy, aryloxy, aryl, heteroaryl, cycloalkyl, heterocyclyl, alkylamino, hydroxyl, thio, alkylthio, alkenylthio, sulfinyl, sulfonyl, azido, cyano, halo,



and



wherein each of R²⁴, R²⁵, and R²⁶ is independently selected from the group consisting of alkyl, cycloalkyl, heterocyclyl, aryl and heteroaryl; or R²⁴ and R²⁵ together form a 5-8 membered heterocyclyl ring;

wherein R^J and R^K are independently selected from alkyl, alkenyl, alkynyl, aryl, heteroaryl, cycloalkyl or heterocyclyl; or

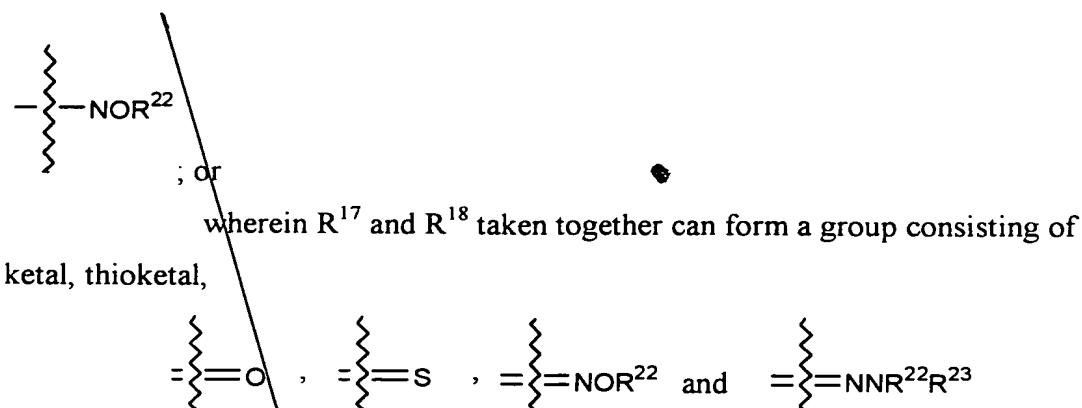
alternatively, wherein J, together with R¹⁷, forms a 5-8 membered heterocyclyl or cycloalkyl ring; or

alternatively, wherein J, together with both R¹⁷ and R¹⁸, forms a 5-8 membered aryl, cycloalkyl, heterocyclyl or heteroaryl ring; and

wherein each of R¹⁷ and R¹⁸ is independently selected from the group consisting of hydrido, halo, hydroxyl, alkoxy, amino, thio, sulfinyl, sulfonyl and

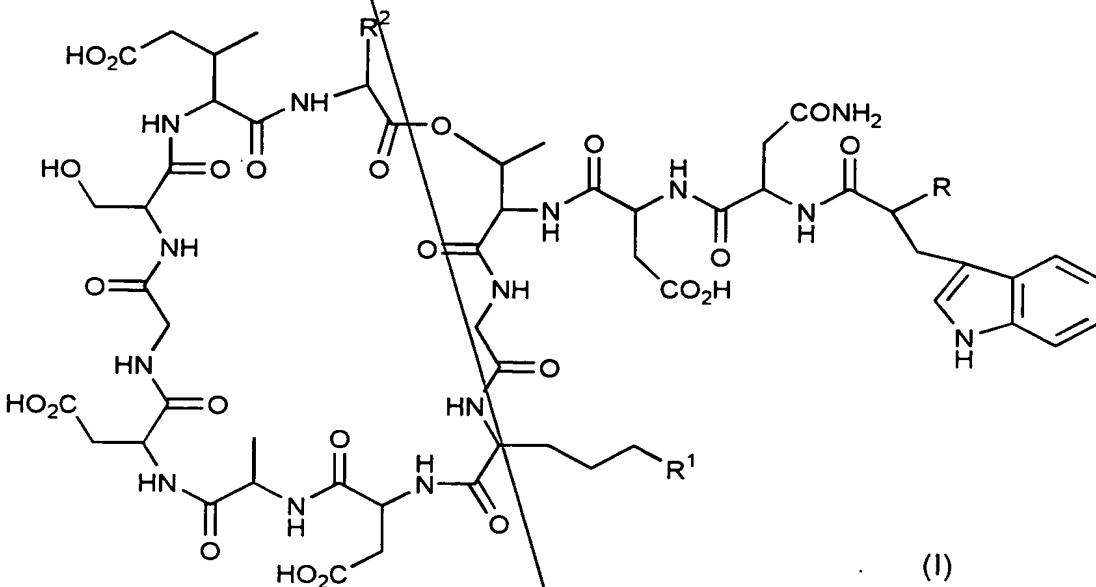
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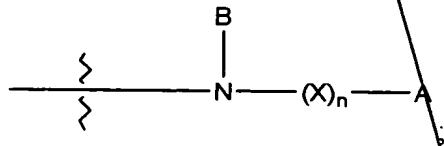
wherein each of R²² and R²³ is independently selected from the group
 consisting of hydrido and alkyl.

3. A compound having the formula (I):



and salts thereof;

wherein R is:



wherein X and X" are independently selected from C=O, C=S, C=NH, C=NR^X, S=O or SO₂;

wherein n is 0 or 1;

wherein R^X is selected from alkyl, alkenyl, alkynyl, aryl, heteroaryl, cycloalkyl, heterocyclyl, hydroxyl, alkoxy, carboxy or carboalkoxy;

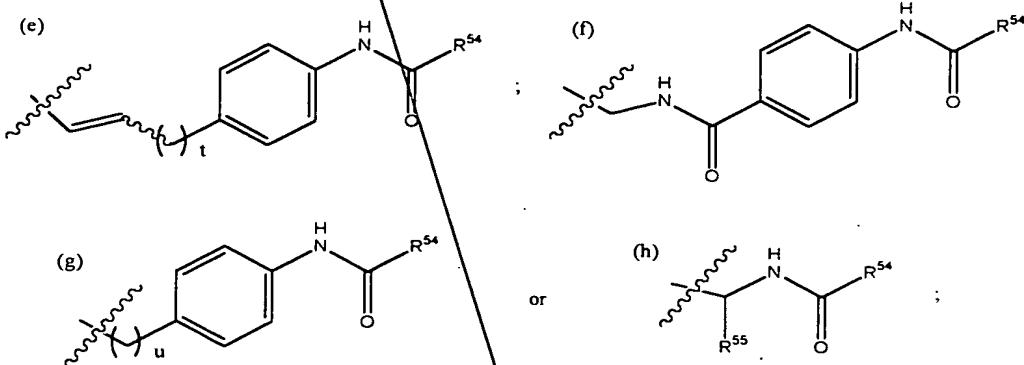
wherein B is X"R^Y, H, alkyl, alkenyl, alkynyl, aryl, heteroaryl, cycloalkyl or heterocyclyl; and

wherein R^Y is selected from hydrido, alkyl, alkenyl, alkynyl, aryl, heteroaryl, cycloalkyl, heterocyclyl or hydroxyl;

wherein A is alkyl, alkenyl, alkynyl, alkoxy or aryloxy;

provided that when B is H and X is C=O, then A is other than

- (a) -(C₁-C₁₆ unsubstituted alkyl)-NH₂;
- (b) -(C₁-C₁₀ unsubstituted alkyl)-NHC(O)R^D, wherein R^D is (C₁-C₁₇) unsubstituted alkyl or (C₂-C₁₇) unsubstituted alkenyl;
- (c) -(C₁-C₁₈)-alkyl, optionally substituted with up to one hydroxyl, carboxyl, or C₁-C₃ alkoxy, or one to three halo substituents;
- (d) -(C₄-C₁₈)-unsubstituted alkenyl;



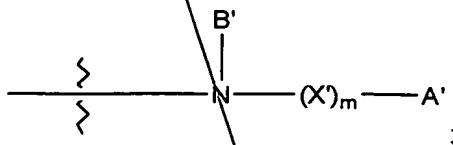
wherein R⁵⁴ is selected from C₁-C₁₇- unsubstituted alkyl or C₂-C₁₇- unsubstituted alkenyl; wherein R⁵⁵ is selected from hydroxyethyl, hydroxymethyl, mercaptomethyl, mercaptoethyl, methylthioethyl, 2-thienyl, 3-indolemethyl, phenyl optionally substituted with a group selected from halo, nitro, C₁-C₃-unsubstituted alkyl, hydroxy, C₁-C₃-unsubstituted alkoxy, C₁-C₃-unsubstituted alkylthio, carbamyl or C₁-C₃ unsubstituted alkylcarbamyl; or benzyl optionally substituted with a group

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selected from halo, nitro, C₁-C₃-unsubstituted alkyl, hydroxy, C₁-C₃-unsubstituted alkoxy, C₁-C₃-unsubstituted alkylthio, carbamyl or C₁-C₃ unsubstituted alkylcarbamyl; wherein t is 0 or 1 and wherein u is an integer from 1-3; and

when B is H and X is C=O, then X, together with A, does not form a carbamate amino protecting group; and

when B is H and n is 0, then A is other than C₄-C₁₄ unsubstituted alkyl; wherein R¹ is



wherein X' and X'' are independently selected from C=O, C=S, C=NH, C=NR^X, S=O or SO₂;

wherein m is 0 or 1;

wherein R^X is selected from alkyl, alkenyl, alkynyl, aryl, heteroaryl, cycloalkyl, heterocyclyl, hydroxyl, alkoxy, carboxy or carboalkoxy;

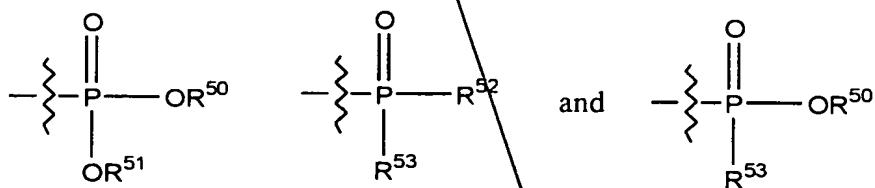
wherein B' is X'''R^{Y'}, H, alkyl, alkenyl, alkynyl, aryl, heteroaryl, cycloalkyl or heterocyclyl;

wherein R^{Y'} is selected from hydrido, alkyl, alkenyl, alkynyl, aryl, heteroaryl, cycloalkyl, heterocyclyl or hydroxyl;

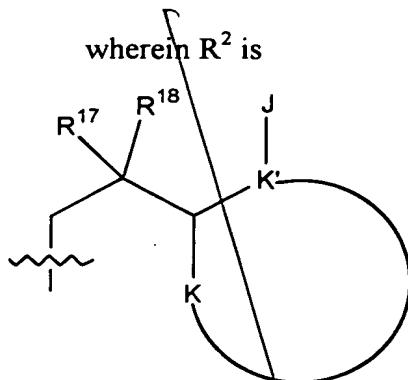
wherein A' is H, NH₂, NHR^{A'}, NR^{A'}R^{B'}, alkyl, alkenyl, alkynyl, alkoxy, aryloxy, aryl, heteroaryl, cycloalkyl or heterocyclyl;

wherein R^{A'} and R^{B'} are independently selected from alkyl, alkenyl, alkynyl, aryl, heteroaryl, cycloalkyl, heterocyclyl or carboalkoxy;

wherein when m is 0, then A is additionally selected from:

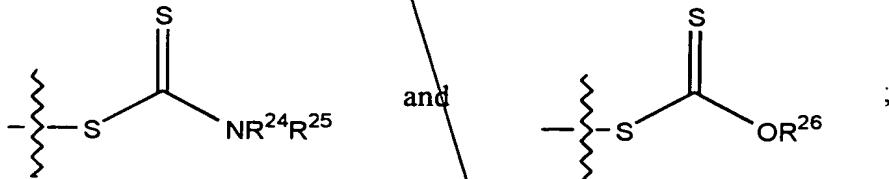


wherein each of R⁵⁰-R⁵³ is independently selected from C₁-C₁₅ alkyl; alternatively, wherein B' and A' together form a 5-7 membered heterocyclic or heteroaryl ring;



wherein K and K' together form a C₃-C₇ cycloalkyl or heterocyclyl ring or a C₅-C₁₀ aryl or heteroaryl ring;

wherein J is selected from the group consisting of hydrido, amino, NHR^J, NR^JR^K, alkyl, alkenyl, alkynyl, alkoxy, aryloxy, aryl, heteroaryl, cycloalkyl, heterocyclyl, alkylamino, hydroxyl, thio, alkylthio, alkenylthio, sulfinyl, sulfonyl, azido, cyano, halo,



wherein each of R²⁴, R²⁵, and R²⁶ is independently selected from the group consisting of alkyl, cycloalkyl, heterocyclyl, aryl and heteroaryl; or R²⁴ and R²⁵ together form a 5-8 membered heterocyclyl ring;

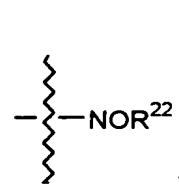
wherein R^J and R^K are independently selected from alkyl, alkenyl, alkynyl, aryl, heteroaryl, cycloalkyl or heterocyclyl; or

alternatively, wherein J, together with R¹⁷, forms a 5-8 membered heterocyclyl or cycloalkyl ring; or

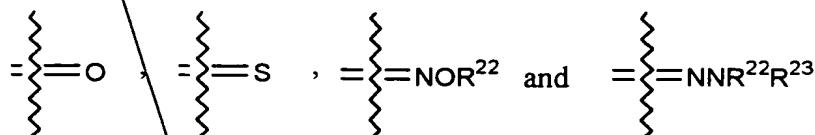
alternatively, wherein J, together with both R¹⁷ and R¹⁸, forms a 5-8 membered aryl, cycloalkyl, heterocyclyl or heteroaryl ring; and

wherein each of R¹⁷ and R¹⁸ is independently selected from the group consisting of hydrido, halo, hydroxyl, alkoxy, amino, thio, sulfinyl, sulfonyl and

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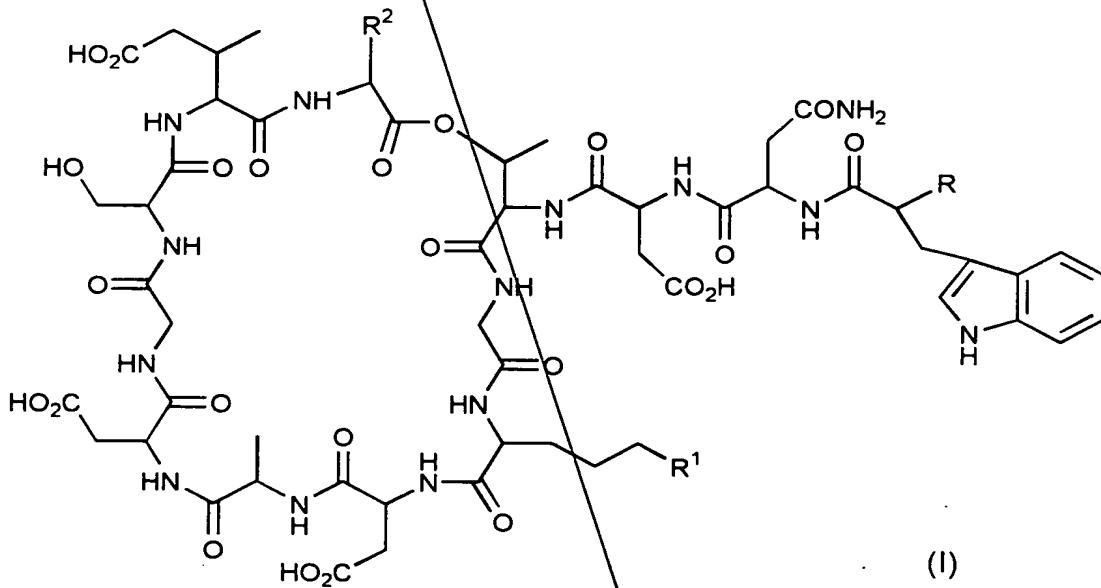


wherein R^{17} and R^{18} taken together can form a group consisting of ketal, thioketal,



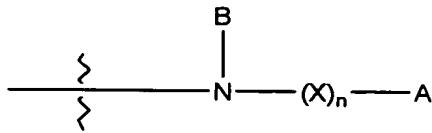
wherein each of R^{22} and R^{23} is independently selected from the group consisting of hydrido and alkyl.

4. A compound having the formula (I):



and salts thereof;

wherein R is:

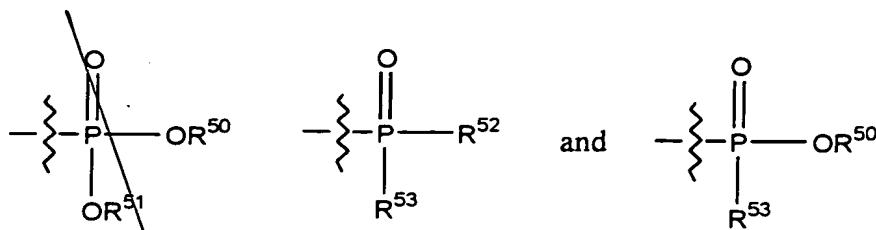


wherein X and X" are independently selected from C=O, C=S, C=NH,
 $C=NR^X$, S=O or SO_2 ;
 wherein n is 0 or 1;
 wherein R^X is selected from alkyl, alkenyl, alkynyl, aryl, heteroaryl,
 cycloalkyl, heterocyclyl, hydroxyl, alkoxy, carboxy or carboalkoxy;
 wherein B is $X''R^Y$, H, alkyl, alkenyl, alkynyl, aryl, heteroaryl,
 cycloalkyl or heterocyclyl and
 wherein R^Y is selected from hydrido, alkyl, alkenyl, alkynyl, aryl,
 heteroaryl, cycloalkyl, heterocyclyl or hydroxyl;
 wherein B and A together form a 5-7 membered heterocyclic or
 heteroaryl ring;
 wherein R^1 is

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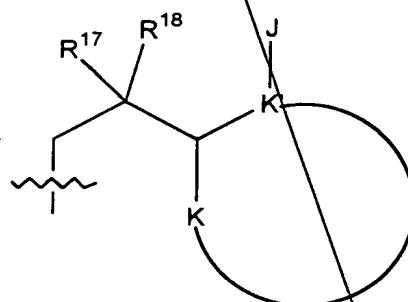
wherein X' and X''' are independently selected from C=O, C=S, C=NH,
 $C=NR^X$, S=O or SO_2 ;
 wherein m is 0 or 1;
 wherein R^X is selected from alkyl, alkenyl, alkynyl, aryl, heteroaryl,
 cycloalkyl, heterocyclyl, hydroxyl, alkoxy, carboxy or carboalkoxy;
 wherein B' is $X''R^Y$, H, alkyl, alkenyl, alkynyl, aryl, heteroaryl,
 cycloalkyl or heterocyclyl;
 wherein R^Y is selected from hydrido, alkyl, alkenyl, alkynyl, aryl,
 heteroaryl, cycloalkyl, heterocyclyl or hydroxyl;
 wherein A' is H, NH_2 , $NHR^{A'}$, $NR^{A'}R^{B'}$, alkyl, alkenyl, alkynyl, alkoxy,
 aryloxy, aryl, heteroaryl, cycloalkyl or heterocyclyl;
 wherein $R^{A'}$ and $R^{B'}$ are independently selected from alkyl, alkenyl,
 alkynyl, aryl, heteroaryl, cycloalkyl, heterocyclyl or carboalkoxy;
 wherein when m is 0, then A' is additionally selected from:

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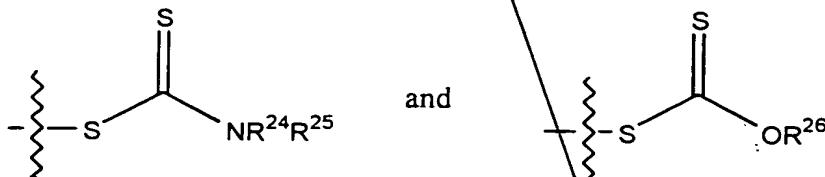
wherein each of R^{50} - R^{53} is independently selected from C_1 - C_{15} alkyl; alternatively, wherein B' and A' together form a 5-7 membered heterocyclic or heteroaryl ring;

wherein R^2 is



wherein K and K' together form a C_3 - C_7 cycloalkyl or heterocyclyl ring or a C_5 - C_{10} aryl or heteroaryl ring;

wherein J is selected from the group consisting of hydrido, amino, NHR^J , $NR^J R^K$, alkyl, alkenyl, alkynyl, alkoxy, aryloxy, aryl, heteroaryl, cycloalkyl, heterocyclyl, alkylamino, hydroxyl, thio, alkylthio, alkenylthio, sulfinyl, sulfonyl, azido, cyano, halo,



wherein each of R^{24} , R^{25} , and R^{26} is independently selected from the group consisting of alkyl, cycloalkyl, heterocyclyl, aryl and heteroaryl; or R^{24} and R^{25} together form a 5-8 membered heterocyclyl ring;

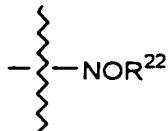
wherein R^J and R^K are independently selected from alkyl, alkenyl, alkynyl, aryl, heteroaryl, cycloalkyl or heterocyclyl; or

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alternatively, wherein J, together with R^{17} , forms a 5-8 membered heterocyclyl or cycloalkyl ring; or

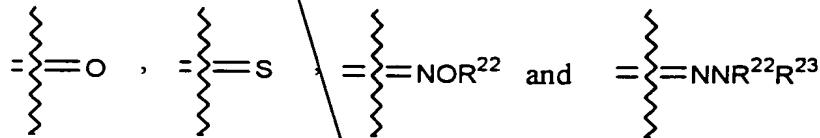
alternatively, wherein J, together with both R^{17} and R^{18} , forms a 5-8 membered aryl, cycloalkyl, heterocyclyl or heteroaryl ring; and

wherein each of R^{17} and R^{18} is independently selected from the group consisting of hydrido, halo, hydroxyl, alkoxy, amino, thio, sulfinyl, sulfonyl and



; or

wherein R^{17} and R^{18} taken together can form a group consisting of ketal, thioketal,

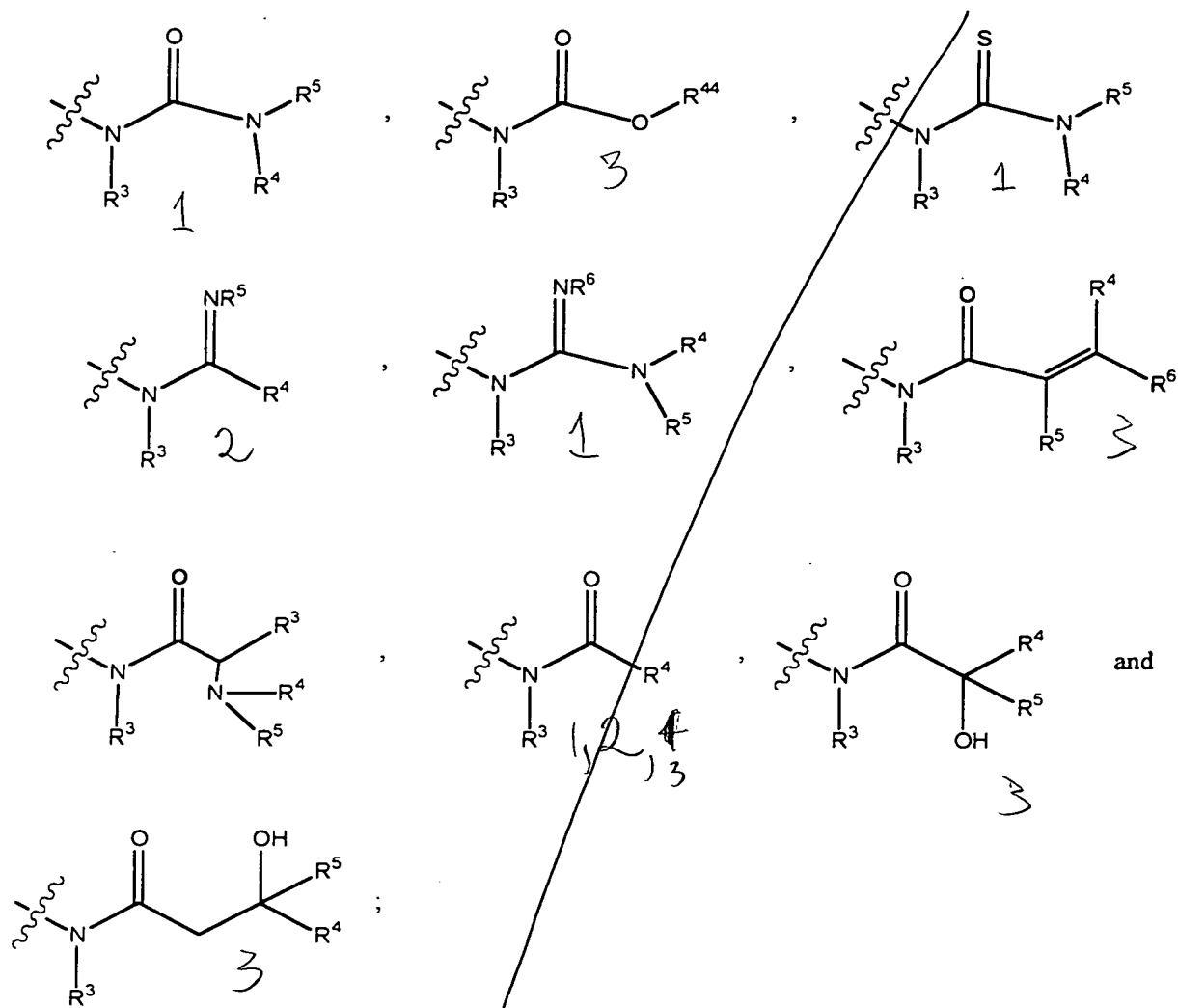


wherein each of R^{22} and R^{23} is independently selected from the group consisting of hydrido and alkyl.

5. The compound according to any of claims 1-4, wherein R is selected from the group consisting of

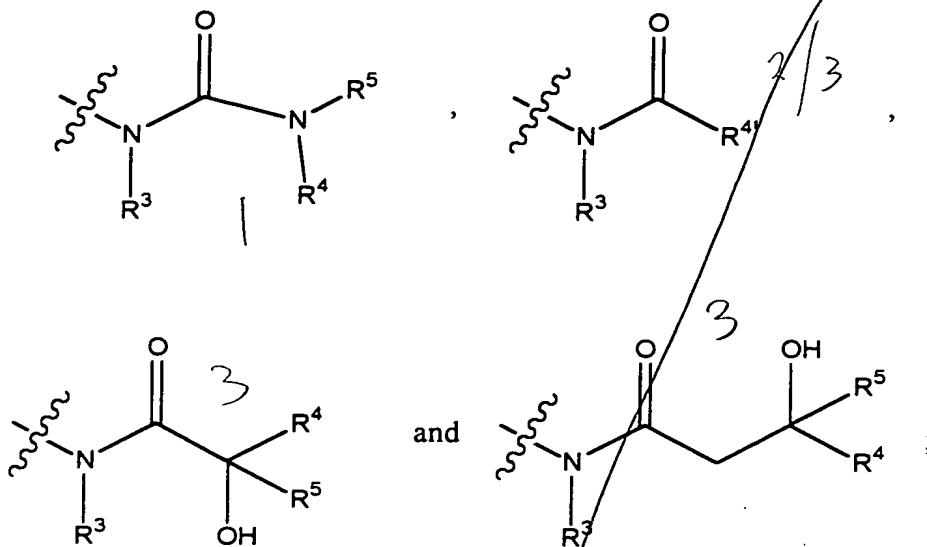
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wherein each of R^3 , R^4 , R^5 , and R^6 is independently selected from the group consisting of hydrido, alkyl, aryl, heterocyclyl and heteroaryl, and wherein R^{44} is selected from the group consisting of alkyl, aryl, heterocyclyl and heteroaryl.

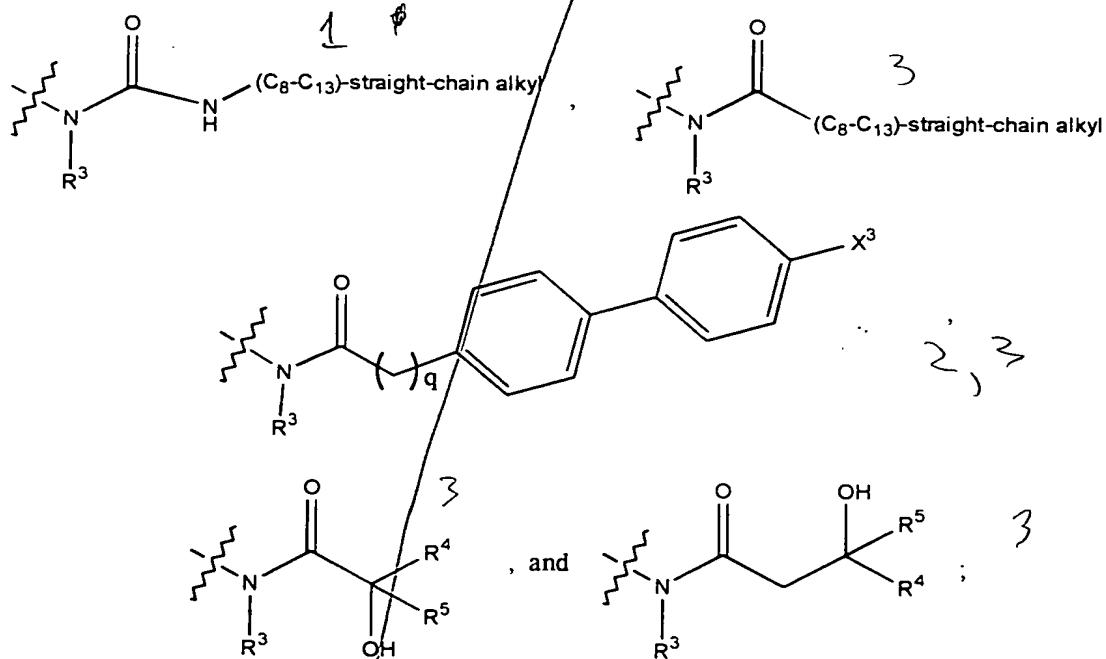
6. The compound according to claim 5, wherein R is selected from



wherein R^4 is selected from the group consisting of alkyl, aryl-substituted alkyl, substituted phenyl, heteroaryl, heterocyclyl, optionally substituted (C_8-C_{14})-straight

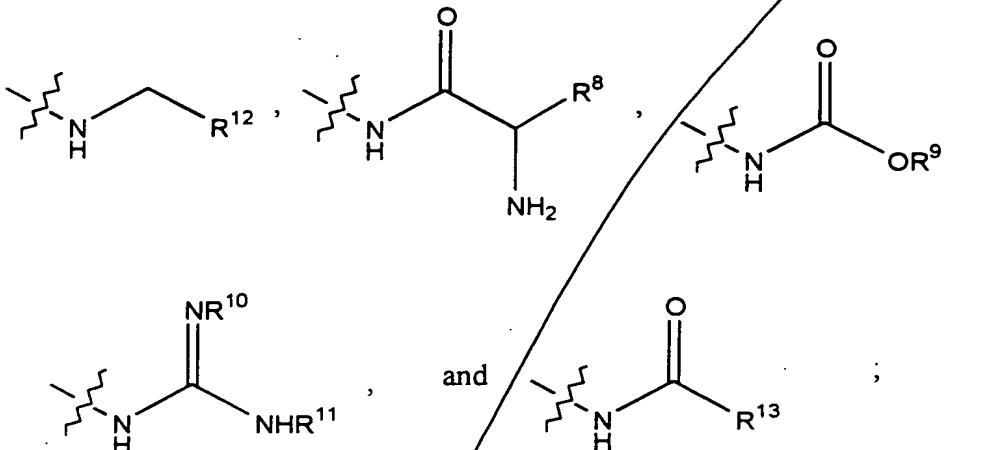
chain alkyl and SR^7 ; wherein R^7 is an alkyl group.

7. The compound according to claim 6, wherein R is selected from the group consisting of



wherein X^3 is chloro or trifluoromethyl and wherein q is 0 or 1.

8. The compound according to any of claims 1-4, wherein R^1 is selected from the group consisting of:



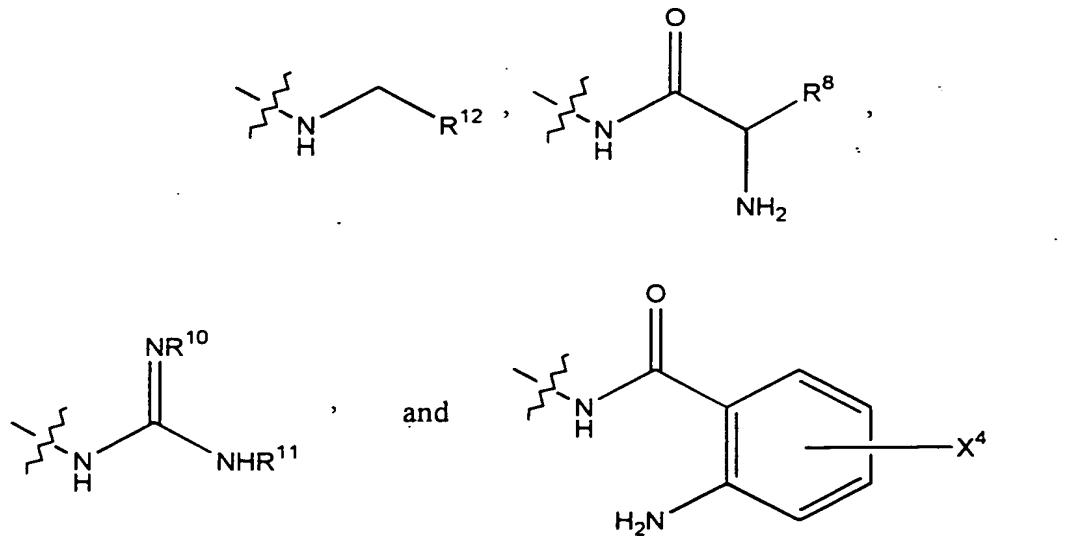
wherein R^8 is selected from a natural amino acid side chain or an amino acid side chain that is not naturally occurring;

wherein each of R^9 , R^{10} and R^{11} is selected from hydrido, alkyl, aryl, heterocyclil and heteroaryl;

wherein R^{12} is selected from the group consisting of heterocyclil, heteroaryl, aryl, and alkyl and

wherein R^{13} is selected from ($\text{C}_1\text{-C}_3$ -alkyl) and aryl.

9. The compound according to claim 8, wherein R^1 is selected from the group consisting of:



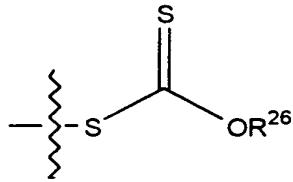
wherein R^8 is selected from tryptophan side chain and lysine side chain;

wherein each of R^{10} and R^{11} is independently selected from hydrido and alkyl;

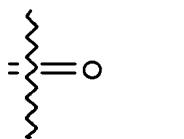
wherein R^{12} is selected from imidazolyl, N-methylimidazolyl, indolyl, quinolinyl, benzyloxybenzyl, and benzylpiperidinylbenzyl; and

wherein X is selected from fluoro, and trifluoromethyl.

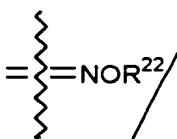
10. The compound according to any of claims 1-4, wherein J is selected from the group consisting of hydrido, amino, azido and



wherein R^{17} and R^{18} taken together form a group selected from ketal,



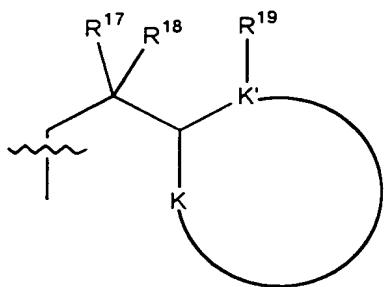
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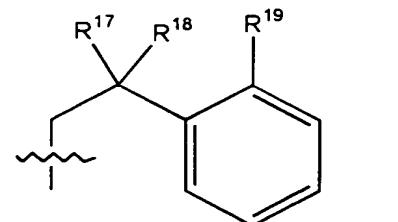
or wherein R^{17} is hydroxyl when R^{18} is hydrido;

or wherein J , together with R^{17} , forms a heterocycl ring.

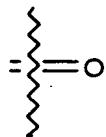
11. The compound according to claim 10, wherein R^2 is selected from the group consisting of



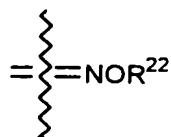
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wherein R¹⁷ and R¹⁸ taken together form a group selected from



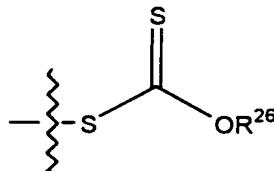
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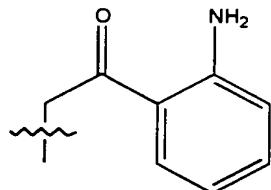
, wherein R²² is selected from the group consisting of H and alkyl; and wherein R¹⁹ is selected from the group consisting of

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hydrido, amino, azido and

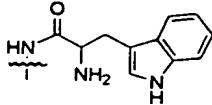
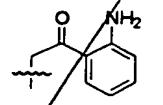
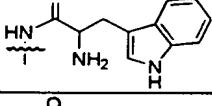
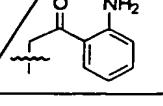
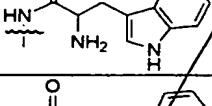
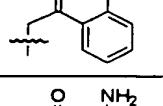
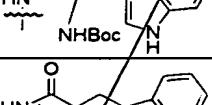
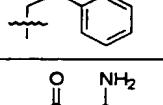
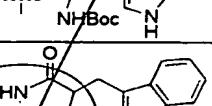
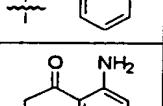
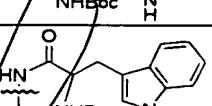
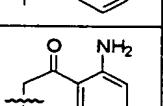
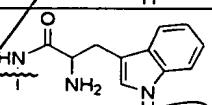
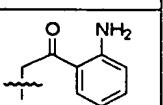
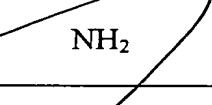
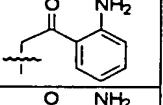
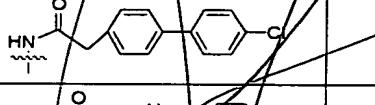
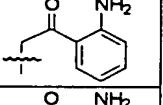
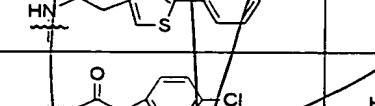
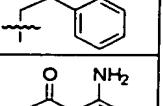
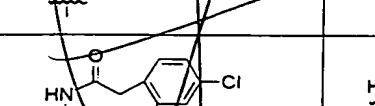
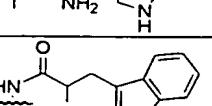
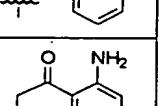
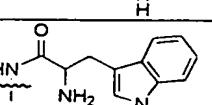
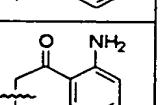
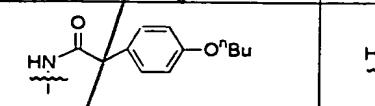
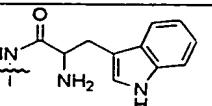
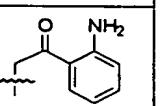
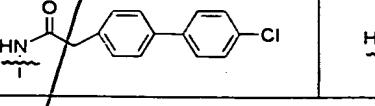
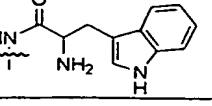
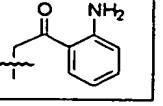


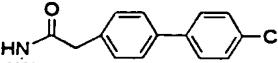
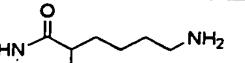
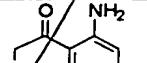
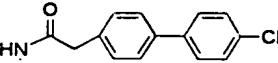
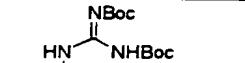
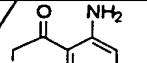
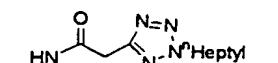
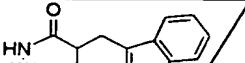
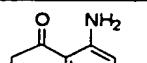
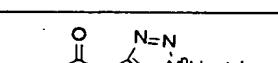
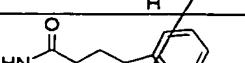
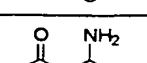
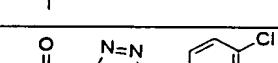
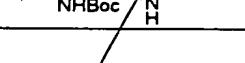
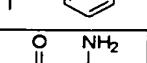
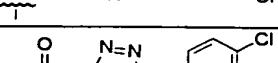
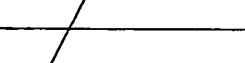
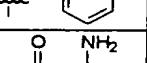
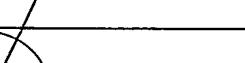
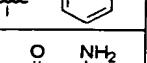
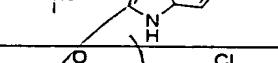
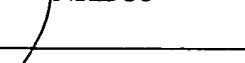
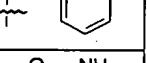
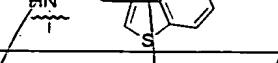
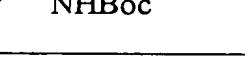
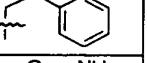
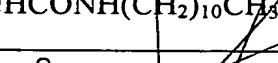
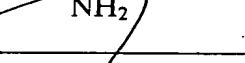
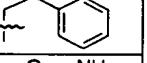
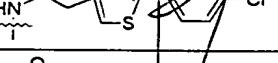
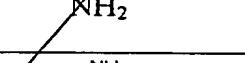
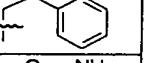
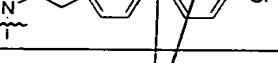
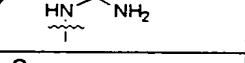
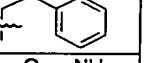
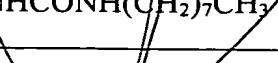
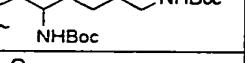
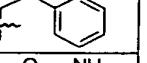
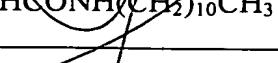
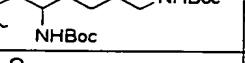
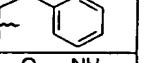
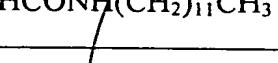
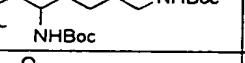
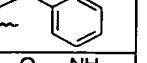
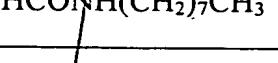
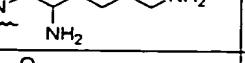
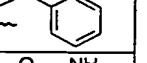
12. The compound according to claim 11, wherein R² is

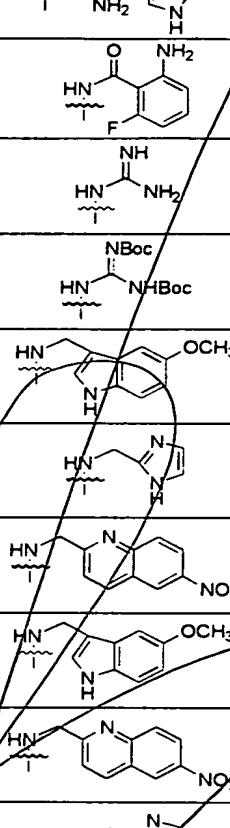
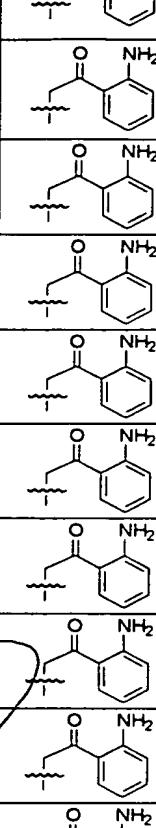
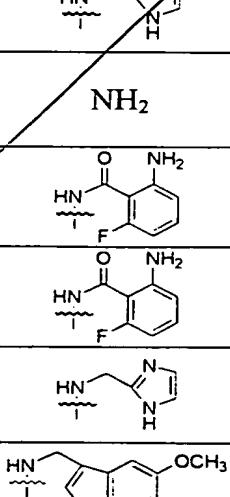
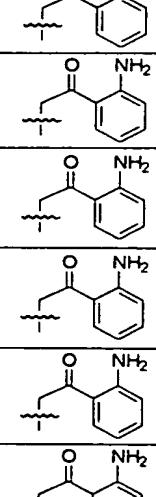
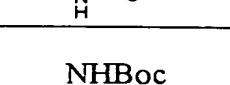
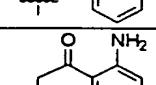
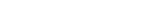
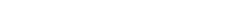


13. The compound according to any one of claims 1-4 wherein said compound is selected from

Cpd #	R	R ¹	R ²
1	NHCONH(CH ₂) ₇ CH ₃	NH ₂	
2	NHCONH(CH ₂) ₁₁ CH ₃	NH ₂	
3	NHCONH(CH ₂) ₁₀ CH ₃		
5			
6			

7	NH(CH ₂) ₈ CH ₃		
8	NHCO(CH ₂) ₈ CO ₂ CH ₃		
9	NHCO(CH ₂) ₆ CO ₂ CH ₃		
10	NHCO(CH ₂) ₆ NHBoc		
11	NHCO(CH ₂) ₇ NHBoc		
12	NHCO(CH ₂) ₁₀ NHBoc		
13	NHCO(CH ₂) ₁₁ NHBoc		
17	NHCONH(CH ₂) ₁₁ CH ₃		
18		NH ₂	
19		NH ₂	
20			
21			
22			
23			
24			

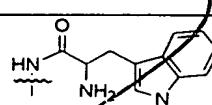
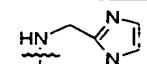
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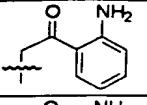
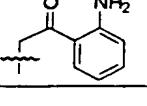
64	NHCONH(CH ₂) ₁₁ CH ₃		
69	NHCONH(CH ₂) ₇ CH ₃		
70	NHCONH(CH ₂) ₇ CH ₃		
71	NHCONH(CH ₂) ₇ CH ₃		
75	NHCONH(CH ₂) ₁₀ CH ₃		
76	NHCONH(CH ₂) ₇ CH ₃		
77	NHCONH(CH ₂) ₇ CH ₃		
78	NHCONH(CH ₂) ₇ CH ₃		
87	NHCONH(CH ₂) ₁₁ CH ₃		
88	NHCONH(CH ₂) ₁₁ CH ₃		
89	NHCONH(CH ₂) ₁₁ CH ₃		
100		NH ₂	
106			
108	NHCONH(CH ₂) ₁₀ CH ₃		
113	NHCONH(CH ₂) ₁₀ CH ₃		
114	NHCONH(CH ₂) ₁₀ CH ₃		
115		NHBoc	

116		NH ₂	
117	NHCONH(CH ₂) ₈ CH ₃	NHBoc	
118	NHCONH(CH ₂) ₈ CH ₃	NH ₂	
119	NHCONH(CH ₂) ₉ CH ₃	NHBoc	
120	NHCONH(CH ₂) ₉ CH ₃	NH ₂	
123	NHCOCH ₂ S(CH ₂) ₁₁ CH ₃	NH ₂	
124	NHCOCH ₂ S(CH ₂) ₁₀ CH ₃	NH ₂	
125	NHCOCH ₂ S(CH ₂) ₉ CH ₃	NH ₂	

14. The compound of claim 13 wherein said compound is selected

from

Cpd #	R	R ¹	R ²
2	NHCONH(CH ₂) ₁₁ CH ₃	NH ₂	
3	NHCONH(CH ₂) ₁₀ CH ₃		
18		NH ₂	
48	NHCONH(CH ₂) ₁₀ CH ₃	NH ₂	
89	NHCONH(CH ₂) ₁₁ CH ₃		

118	NHCONH(CH₂)₈CH₃	NH₂	
120	NHCONH(CH₂)₉CH₃	NH₂	

SLB3

15. A pharmaceutical composition comprising the compound according to any one of claims 1-4 and a pharmaceutically acceptable carrier.

16. A method of treating or preventing a bacterial infection in a subject, comprising the step of administering a therapeutically-effective amount of the pharmaceutical composition according to claim 15 to a subject in need thereof.

17. The method according to claim 16, wherein said subject is selected from the group consisting of a human, an animal, a cell culture or a plant.

18. The method according to claim 16, wherein said bacterial infection is caused by a gram-positive bacteria.

19. The method according to claim 18, wherein said bacteria is an antibiotic-resistant bacteria.

20. The method according to claim 19, wherein said antibiotic-resistant bacteria are resistant to an antibiotic selected from the group consisting of vancomycin, methicillin, glycopeptide antibiotics, penicillin and daptomycin.

21. The method according to claim 16, further comprising the step of co-administering more than one compound of Formula (I) to a subject in need thereof.

22. The method according to claim 16, further comprising the step of co-administering an antimicrobial agent other than a compound of Formula (I) to a subject in need thereof.

check

23. The method according to claim 22, wherein said antimicrobial agent is selected from the group consisting of penicillins and related drugs, carbapenems, cephalosporins and related drugs, aminoglycosides, bacitracin, gramicidin, mupirocin, chloramphenicol, thiamphenicol, fusidate sodium, lincomycin, clindamycin, macrolides, novobiocin, polymyxins, rifamycins, spectinomycin, tetracyclines, vancomycin, teicoplanin, streptogramins, anti-folate agents including sulfonamides, trimethoprim and its combinations and pyrimethamine, synthetic antibacterials including nitrofurans, methenamine mandelate and methenamine hippurate, nitroimidazoles, quinolones, fluoroquinolones, isoniazid, ethambutol, pyrazinamide, para-aminosalicylic acid (PAS), cycloserine, capreomycin, ethionamide, prothionamide, thiacetazone, viomycin, evemomycin, glycopeptide, glycylcycline, ketolides, oxazolidinone; imipenen, amikacin, netilmicin, fosfomycin, gentamicin, ceftriaxone, Ziracin, LY 333328, CL 331002, HMR 3647, Linezolid, Synercid, Aztreonam, and Metronidazole, Epioprim, OCA-983, GV-143253, Sanfetrinem sodium, CS-834, Biapenem, A-99058.1, A-165600, A-179796, KA 159, Dynemicin A, DX8739, DU 6681; Cefluprenam, ER 35786, Cefoselis, Sanfetrinem celexetil, HGP-31, Cefpirome, HMR-3647, RU-59863, Mersacidin, KP 736, Rifaxazil; Kosan, AM 1732, MEN 10700, Lenapenem, BO 2502A, NE-1530, PR 39, K130, OPC 20000, OPC 2045, Veneprim, PD 138312, PD 140248, CP 111905, Sulopenem, ritipenam acoxyl, RO-65-5788, Cyclothialidine, Sch-40832, SEP-132613, micacocidin A, SB-275833, SR-15402, SUN A0026, TOC 39, carumonam, Cefozopran, Cefetamet pivoxil, and T 3811.

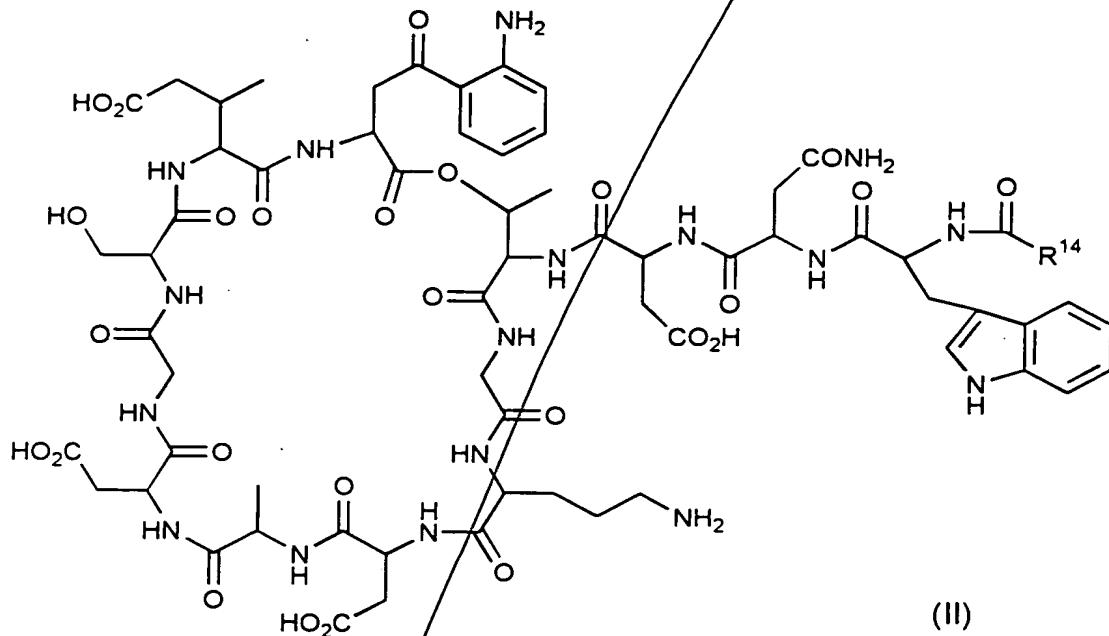
24. The method according to claim 22, wherein said antimicrobial agent is selected from the group consisting of imipenen, amikacin, netilmicin, fosfomycin, gentamicin, ceftriaxone, teicoplanin, Ziracin, LY333328, CL331022, HMR3647, Linezolid, Synercid, Aztreonam and Metronidazole.

25. The method according to claim 17, wherein said subject is selected from the group consisting of a human or an animal.

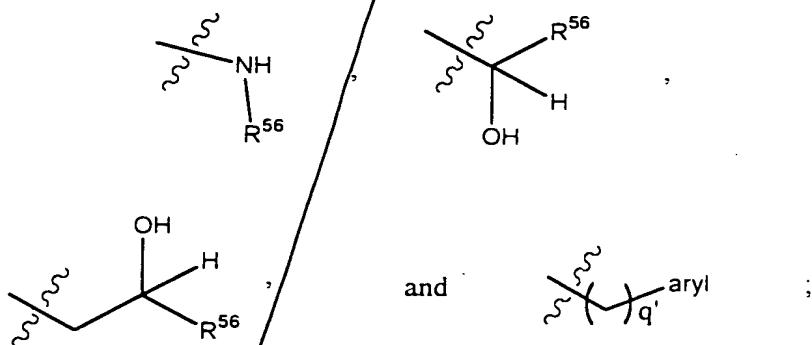
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26. The method according to claim 25, wherein said subject is a human.

27. A compound having the formula (II):

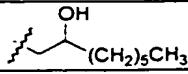
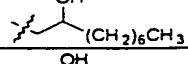
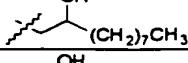
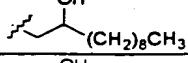
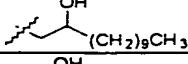
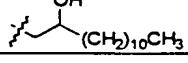


wherein R^{14} is selected from the group consisting of

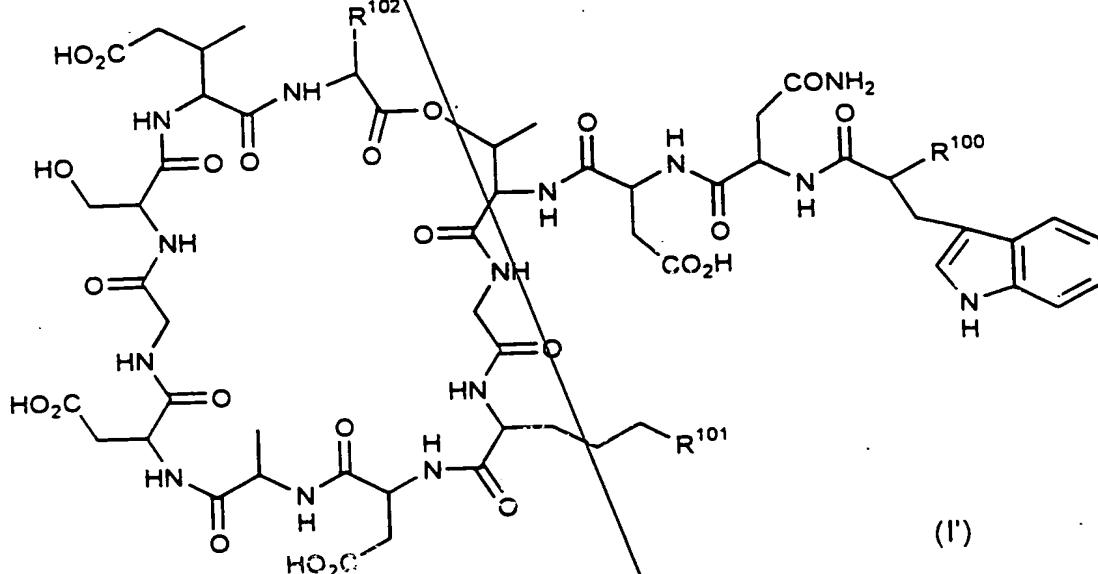


wherein R^{56} is an optionally substituted straight-chain C_8-C_{14} alkyl group and wherein q' is 0-3.

28. The compound according to claim 27, wherein said compound is selected from:

Compound #	R^{14}
45	
37	
46	
38	
47	
39	

29. A compound having the formula (I'):



and salts thereof, wherein R^{100} , R^{101} and R^{102} are selected from:

Cpd #	R	R ¹	R ²
72		NHBoc	
73		NHBoc	
74		NHBoc	
109	NHCOCHCH(CH ₂) ₇ CH ₃	NHBoc	
110	NHCOCHCH(CH ₂) ₉ CH ₃	NHBoc	
111	NHCOCHCH(CH ₂) ₇ CH ₃	NH ₂	
112	NHCOCHCH(CH ₂) ₉ CH ₃	NH ₂	

30. A method of using the compound according to any one of claims 27-29 to make a compound according to any one of claims 1-4.

add B6
add C5